MODEL				
DATE				
1, 09/xx/2017) June 2017				
CE BULLETIN				
CALIFORNIA EMISSIONS				
DATA FROM ECU (DC17)				
' (Multiple Models (see table on PageADATE1, 09/xx/2017)June 2017CE BULLETINCALIFORNIA EMISSIONS			

***** NOTICE

This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

This bulletin provides information related to extracting "in use performance tracking" emissions data from the Engine Control Unit (ECU) of certain vehicles sold in California. The California Air Resources Board (CARB) requires the emissions data from vehicles with a minimum of 3,000 accumulated miles without reprogramming or resetting. To facilitate collection of this data at the dealer level, KDS screenshots will allow the capture of relevant parameters.

***** NOTICE

If the vehicle meets the criteria below, California dealers must perform this data collection on vehicles whenever an affected vehicle is in the shop for any maintenance or repair.

This data collection does not apply to vehicles or dealers operating outside of California.

Once sufficient data is collected, individual line items per model may be <u>closed</u> <u>without updates to the TSB</u>. Once a line item is closed on DCS, no further data collection is required. <u>Data collections initiated after a line item is closed are subject to chargeback.</u>

File Under: <engine></engine>							
Circulate To:	I General Manager	Service Manager	I Parts Manager				
Service Advisor	s 🛛 Technicians	🛛 Body Shop Manager	□ Fleet Repair				

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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

For vehicles <u>listed on DCS as requiring this procedure</u>, follow the instructions in this bulletin after confirming that the following criteria are met:

- WebDCS shows this as an <u>open</u> Data Collection code DC17XXXX (depending on model; see table on page 13) for the vehicle.
- Vehicle has more than 3,000 accumulated miles on its odometer.
- Vehicle repair history does not show battery replacement/disconnection/reset or an ECU update done in the last 3,000 miles, because IUMPR (In Use Monitor Performance Ratio) data would have been cleared by such an event.
- Vehicle does not have the check engine light on.

***** NOTICE

If a vehicle meets the above criteria, collect data prior to any other campaign or repair-related activities.

KDS Service Procedure:

***** NOTICE

The KDS tablet <u>MUST</u> have a SD Card installed for this procedure.

1. Open the engine compartment and locate the Vehicle Emission Control Information label.

Write down the "**Group**" number for later entry into the form.



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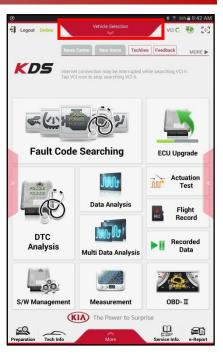
DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

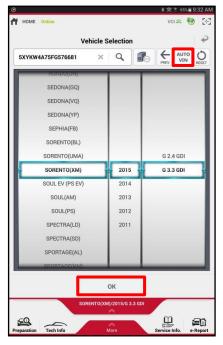
2. With the ignition key on, insert the VCI II into the DLC and swipe down on the **Vehicle Selection** area to identify the vehicle.

***** NOTICE

Screens shown in this bulletin are for demonstration ONLY purposes and will vary depending on the vehicle.

3. Click AUTO VIN, and then click OK.





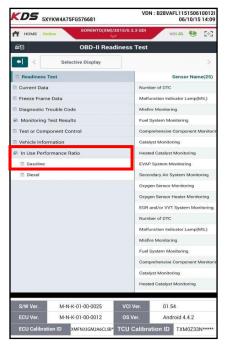
Page 4 of 13

SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

4. From the KDS Home Screen, click **OBD-II**.





5. Click In USE Performance Ratio > Gasoline.

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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

6. Click the **Screen Capture** button to save a screenshot of the data.

***** NOTICE

DO NOT use the Home/Power button for the screen capture.

If the data list is longer than one (1) page, scroll down and take another screen capture.

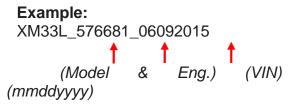
***** NOTICE

A SD Card <u>must</u> be inserted into the KDS tablet to save KDS images.

7. Click **Save** to save the image.

8. The KDS will set up a destination folder and file name to save the screenshot.

Change the file name to include the model/engine, the last 6 digits of the VIN, and the date (mmddyyyy), as shown below.



Click Save.

50	OBD-II In Use Perform	nance Trac	king	
⇒ <	Selective Display		Graph	>
	Sensor Name(20)	Module ID	Value	Unit
OBD Monitoring	Conditions Encountered Counts	E8	398	Count
Ignition Counter		E8	1057	Count
Catalyst Monitor	Completion Counts-Bank1	E8	324	Count
Catalyst Monitor Bank1	Conditions Encountered Counts-	E8	398	Count
Catalyst Monitor	Completion Counts-Bank2	E8	324	Count
Catalyst Monitor Bank2	Conditions Encountered Counts-	E8	398	Count
Oxygen Sensor M	Aonitor Completion Counts Bank1	E8	312	Count
Oxygen Sensor M Counts Bank1	Nonitor Conditions Encountered	E8	398	Count
Oxvgen Sensor I	Aonitor Completion Counts Bank2	E8	312	Count

Capture Im	age		
HOME Online	G 2.4 GDI	VCI 🕮	10
CBD-II In Use Performa	ince Trackin	g	
-> < Selective Display Graph		Data Capture	
Sensor Name(20)	Module ID	Value	Unit
OBD Monitoring Conditions Encountered Counts	68	855	Count
Ignition Counter	68	2162	Count
Catalyst Monitor Completion Counts-Bank1	E8	259	Count
Catalyst Monitor Conditions Encountered Counts-Bank 1	68	237	Count
Catalyst Monitor Completion Counts-Bank2	6.8	0	Count
Catalyst Monitor Conditions Encountered Counts-Bank2	6.8	0	Count
Oxygen Sensor Monitor Completion Counts Bank1	E8	266	Count
Oxygen Sensor Monitor Conditions Encountered Counts Bank1	68	203	Count
Oxygen Sensor Monitor Completion Counts Bank2	68	0	Count
Oxygen Sensor Monitor Conditions Encountered Counts Bank2	68	0	Count
EGR and/or VVT Monitor Completion Condition Counts	E8	968	Count
EGR and/or VVT Monitor Conditions Encountered Counts	68	850	Count
Air Monitor Completion Condition Counts	68	0	Count
Air Monitor Conditions Encountered Counts	68	0	Count
EVAP Monitor Completion Condition Counts	E8	29	Count
EVAP Monitor Conditions Encountered Counts	68	98	Count
Secondary Oxygen Sensor Monitor Completion Counts Bank1	68	745	Count
Secondary Oxygen Sensor Monitor Conditions Encountered Counts Rank1	68	855	Count
Secondary Oxygen Sensor Monitos Completion Counte Back?		0	Count



Page 6 of 13

SUBJECT:

- 9. Click the **Return Arrow** on the screen, and then click the **HOME** button to return to the KDS Home Screen.
- 10. Set Chrome as the default browser, then proceed to step 11.

If not, refer to the following Article in KGIS: "KDS-Configuring Browser for Techline and Feedback Cases" for more information.

11. Once Chrome is set as the default browser, navigate to the KDS Home Screen and then click **Feedback**.

- 12. Enter all the information requested in the form, including your name and email address, and the following information:
 - For System, enter Engine
 - For Subject, enter Data Collection
 - In the Description area,
 - Enter Group: followed by the group number from the Vehicle Emission Control Information Label collected in page 2, step 1.
 - Enter the current odometer mileage.
 - Enter the RO#.

* NOTICE

Make sure the email address is entered correctly or the Feedback form will fail to submit.



ie reviewed. Thank you for s	ubmitting KDS and Service Information concerns.
Nease enter the	following information. Please be specific in the text and include screen captures to include the navigation path.
fields are requ	red.
Dealer Code	kdes 🛑
Sender Name	TEO-NICAN NAME
Sender E-Mail	TEO-NIOAN'S EMAL RODRESS
Vehicle Descrip	ption
VN	THE VEHICLE VIN
Model	kia wooki.
Model Year	KA MOOD. SERVICE HEAR SEGRET SET
Engine	INGME SUIT
Auto Manual Trans	THE DE TRANSMISSION
200/480	
System	prove 🧰
Subject	para-colliction
Description	CINDER-SCOROCCCCX CURRENT COOMETER MILEAGE: XXXXXX NOA: XXXXXXXXXX
litachment	Type served your receive captures using the KDI Capture and Print settimere, click the "Choose FM" button, selec Toncaments", then select your captured image(s). Obsertifie, the technologies of techn

Page 7 of 13

SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

13. Click one of the **Choose File** buttons at the bottom of the screen.

Important: This	KDS Feedback Form is available to report KDS and Service Information concerns. All non-related concerns will r
be reviewed.	
Thank you for su	ubmitting KDS and Service Information concerns.
Please enter the * fields are requi	e following information. Please be specific in the text and include screen captures to include the navigation path. irred.
* Dealer Code	ku003
* Sender Name	TECHNICIAN NAME
* Sender E-Mail	TECHNICIAN'S EMAIL ADDRESS
* Vehicle Descrip	ption
VIN	THE VEHICLE VIN
Model	KIA MODEL
Model Year	VEHICLE YEAR
Engine	ENGINE SIZE
Auto/Manual Trans 2WD/4WD	TYPE OF TRANSMISSION
	ENGINE
System	
* Subject	DATA COLLECTION
	GROUP: XXXXXXXXXXXXXXX
* Description	
Attachment	If you saved your screen car ures using the KDS Capture and Print software, click the 'Choose File' button, sel Documents', then select you: captured image(s). Choose File' hot le chosen
	Choose File No file chosen

14. Click **Documents**

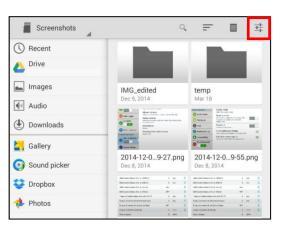
15A. (Steps 15A and 15B apply to the Samsung Tab 10.1 (older tablet))

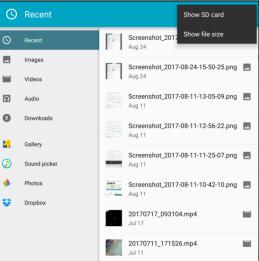
Click the **Settings** button in the upper right hand corner.

15B. Verify an SD Card is displayed in the left pane as a number (e.g., 1899-C039).

If not, click Show SD card.

Choose an action





Page 8	of 13		
SUBJE	CT: DATA COLLECTION: EXTRACT EMISSIONS DATA FROM EC		
16A.	(Steps 16A and 16B apply to the Samsung Tab S2 image (newer tablet)). Click the Recent button.	Image: Secreenshot 2017/0822-092746.pr Screenshot 2017/0822-092746.pr Aug 22 414 KB Screenshot 2017/0822-092746.pr Aug 22 114 KB Screenshot 2017/0822-092736.pr Aug 22 1170822-092736.pr Aug 22 114 KB Screenshot 2017/0822-092736.pr Aug 22 1170822-092736.pr Aug 22 44 KB Screenshot 2017/0822-092702.pr Aug 22 47 KB Screenshot 2017/0822-092702.pr Aug 22 44 KB Screenshot 2017/0822-092702.pr Aug 24 47 KB Screenshot 2017/0822-092702.pr Aug 25 45 KB Screenshot 2017/0822-092702.pr Aug 18 205 KB Screenshot 2017/0824-0926-093.pr Aug 18 205 KB Screenshot 2017/0814-095454.pr <tr< th=""><th></th></tr<>	
16B.	This will provide access to the SD Card.	Screenshot_20170814-095208.pr Aug 14 22048 Screenshot_20170809-152157.pr OPEN FROM Images Videos Audio Audio Recent Downloads Galaxy Tab SS2 Videos Trace Trace	

SD card 22.53 GB free We breteiont00@jgmail.com Photos OneDrive Memo Sound picker Contacts S Gallery

Page 9 of 13

SUBJECT:

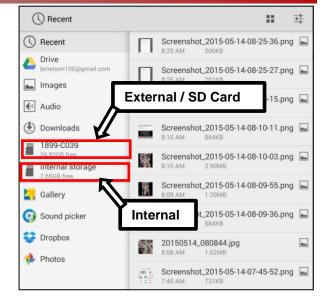
DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

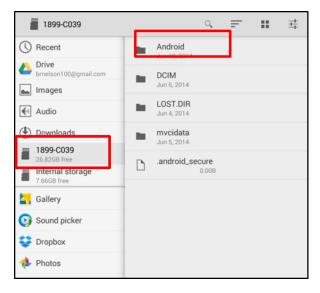
17. Access to Internal and External Memory (i.e., SD Card) is available on the left hand side of the file manager.

***** NOTICE

Always <u>select the SD Card</u> to save the images from this data collection procedure. DO NOT select internal storage.

18. With the <u>External/SD Card</u> selected, click **Android**.





Android			9	=	 뉵
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Audio					
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C005-6627 33.88GB free	-				
Internal storage 9.39GB free					
E Gallery					

19. Click data.

Page 1	0 of 13						
SUBJE	CT: D						
		EMISS	ions i	DATA	FROM	ECU (DC17)	
20.	Scroll down	and	then	click		🚆 data 🖌	< ☴ ☷ 茸
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						Drive	com.sec.android.nearby.mediaserver
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C005-6627 33.88GB free Internal storage 9.39GB free

🛃 Gallery

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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

24. Click the vehicle model (e.g., Sorento (XMa)).

25. Click the VIN.

26. Click the screenshot.

27. Click Submit.

***** NOTICE

Ensure that you attach the correct files. Incorrect attachments render data submissions useless and are subject to chargeback of the warranty claim.

ECU	(DCT)						
Re	cord			Q,	Ē		井
() Recei	_⊿ nt	l a	ETC				
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Interna 7.15GB	al storage						
🚬 Galler	у						
Important: This be reviewed.	KDS Feedback Form is availab	ble to report H	KDS Feedback	nation conce	rns. All non-re	lated concern	ns will not
Thank you for se	ubmitting KDS and Service Inf			screen captu	res to include	the navigatio	n oath.
* fields are requ * Dealer Code	ired.						
* Sender Name	TECHNICIAN NAME TECHNICIAN'S EMAIL ADDRESS						
* Vehicle Descri VIN							
Model	KIA MODEL						
	VEHICLE YEAR ENGINE SIZE						
Auto/Manua	TYPE OF TRANSMISSION						
2WD/4WD							
System * Subject	ENGINE DATA COLLECTION				_		
Conject	GROUP:XXXXXXXXXXXXX	5			_		
	CURRENT OD OMETER RO#: XXXXXXXXXXXX	MILEAGE:	XXXXXXX				
* Description							
Attachment	 If you saved your screen cap "Documents", then select you 	ptures using t r captured im	the KDS Capture and P age(s).	rint software	, click the "Ch	oose File' but	ton, select
	Choose File No file chosen Choose File No file chosen						

Submit Cancel

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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

AFFECTED PRODUCT RANGE:

Model	Production Date Range
Sportage (QL) 2.0T, 2.4	
Rio (UB) 1.6	
Sedona (YP) 3.3	
Sorento (UM) 2.0T, 2.4, 3.3	
K900 (KH) 3.8, 5.0	2017MY
Optima (JF) HEV 2.0, PHEV 2.0, 1.6T, 2.0T, 2.4	(Sold in California only)
Forte (YD) 2.0, 1.6T	
Soul (PS) 1.6, 1.6T, 2.0	
Cadenza (YG) 3.3	
Niro (DE) HEV 1.6	

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

2017MY DATA COLLECTION WARRANTY CLAIM INFORMATION:

***** NOTICE

Once sufficient data is collected, individual line items per model may be <u>closed</u> <u>without updates to the TSB</u>. Once a line item is closed on DCS, no further data collection is required. <u>Data collections initiated after a line item is closed are subject</u> <u>to chargeback</u>.

Campaign ID	Claim Type	Causal P/N	Qty.	N. Code	C. Code	Repair Description	Labor Op Code	Time	Replacement P/N	Qty.																																																												
DC17QL1						Sportage 2.0T 50/FD	17QL20F1																																																															
DC17QL2	-					Sportage 2.4 CA	17QL24C1																																																															
DC17QL3						Sportage 2.4 50/FD	17QL24F1																																																															
DC17UB1	-					Rio 1.6 50/FD	17UB16F1																																																															
DC17YP1						Sedona 3.3 50/FD	17YP33F1																																																															
DC17UM1						Sorento 2.0T 50/FD	17UM20F1																																																															
DC17UM2						Sorento 2.4 50/FD	17UM24F1																																																															
DC17UM3						Sorento 3.3 50/FD	17UM33F1																																																															
DC17KH1						K900 3.8 50/FD	17KH38F1																																																															
DC17KH2			0 N99	0						K900 5.0 50/FD	17KH50F1																																																											
DC17JFH1		100CA EM999																						Nac							Optima HEV 2.0 50/FD	17JFH20F																																						
DC17JFP1																														Optima PHEV 2.0 50/FD	17JFP20F	0.3		0																																				
DC17JF1	V				N99	C99	Optima 1.6T 50/FD	17JF16F1	M/H	N/A	0																																																											
DC17JF2												l													Optima 2.0T 50/FD	17JF20F1																																												
DC17JF3								Optima 2.4 CA	17JF24C1																																																													
DC17JF4																																																																		Optima 2.4 50/FD	17JF24F1			
DC17YD1													Forte 2.0 CA	17YD20C1																																																								
DC17YD2											Forte 2.0 50/FD	17YD20F1																																																										
DC17YD3						Forte 1.6T 50/FD	17YD16F1																																																															
DC17PS1						Soul 1.6 50/FD	17PS16F1																																																															
DC17PS2						Soul 1.6T 50/FD	17PS16F2																																																															
DC17PS3																						Soul 2.0 50/FD	17PS20F1																																															
DC17YG1																																																																			Cadenza 3.3 50/FD	17YG33F1		
DC17DE1						Niro HEV 1.6 50/FD	17DE16F1																																																															